

IN THE CLAIMS

1. (Previously Presented) A UV energy curable tape comprising:
a support layer;
an adhesive material positioned on said support layer, and including a UV energy curable oligomer, a UV energy initiator, and a material which starts to emit optical light of a first type when said tape is becomes substantially fully cured.
2. (Original) The UV energy curable tape of claim 1, wherein said adhesive material comprises an acrylate oligomer.
3. (Original) The UV energy curable tape of claim 1, wherein said UV energy curable oligomer comprises a material capable of reacting with radicals to form longer chain polymers.
4. (Original) The UV energy curable tape of claim 1, wherein said UV energy initiator comprises a photoinitiator.
5. (Original) The UV energy curable tape of claim 4, wherein said photoinitiator includes diphenyl groups that create radicals when exposed to UV energy.
6. (Original) The UV energy curable tape of claim 1, wherein said material which emits optical light comprises UV sensitive ink.
7. (Original) The UV energy curable tape of claim 6, wherein said material which emits optical light comprises from about .001 weight percent to about 20 weight percent of said tape.

8. (Original) The UV energy curable tape of claim 1, wherein said material which emits optical light comprises UV sensitive dye

9. (Original) The UV energy curable tape of claim 1, wherein substantially fully cured comprises the absorption of about 5 millijoules/cm² to about 10 joules/cm² of UV energy into said tape.

Claim 10 (Cancelled).

11. (Currently Amended) A UV energy curable tape comprising:

a support layer including a material which starts to emit optical light of a first type when said tape is becomes substantially fully cured; and

an adhesive material positioned on said support layer and having a UV energy curable oligomer and a UV energy initiator as part thereof.

12. (Original) The UV energy curable tape of claim 11, wherein said adhesive material comprises an acrylate oligomer.

13. (Cancelled).

14. (Original) The UV energy curable tape of claim 11, wherein said UV energy initiator comprises a photoinitiator.

15. (Cancelled).

16. (Original) The UV energy curable tape of claim 11, wherein said material which emits optical light comprises UV sensitive ink.

17. (Original) The UV energy curable tape of claim 16, wherein said material which emits optical light comprises from about .001 weight percent to about 20 weight percent of said tape.

18. (Original) The UV energy curable tape of claim 11, wherein said material which emits optical light comprises UV sensitive dye.

19. (Original) The UV energy curable tape of claim 11, wherein substantially fully cured comprises the absorption of about 5 millijoules/cm² to about 10 joules/cm² of UV energy into said tape.

Claim 20 (Cancelled).

Claims 21-29 (Cancelled).

30. (Previously Presented) The UV energy curable tape of Claim 1, wherein the light emitting material emits light of a second type, different from said first type, as the tape is being cured, and the type of light emitted by said light emitting material changes from said second type to said first type when the tape becomes substantially fully cured.

31. (Previously Presented) The UV energy curable tape of Claim 1, for use with a given substrate, and wherein the amount of energy needed to cause the light emitting material to emit the first type of light matches the amount of energy required to substantially fully cure the tape, thereby to facilitate completely removing the tape from the given substrate.

32. (Previously Presented) The UV energy curable tape of Claim 1, wherein:
the material which starts to emit optical light is a UV sensitive material; and
the light emitting energy range of the light emitting material matches the amount of UV energy required to substantially fully cure the tape.

33. (Currently Amended) The UV energy curable tape of Claim 1, wherein
said material which emits optical light comprises about 0.001% by weight of the tape;
said material which emits optical light starts to emit optical light ~~on~~ of the first type when said tape absorbs about ~~10 joules/cm²~~ 10 joules/cm² of UV energy.

34. (New) A UV energy curable tape comprising:
a support layer;
an adhesive material positioned on said support layer, and including a UV energy curable oligomer, a UV energy initiator, and given a material for emitting light;
wherein a defined amount of UV energy is needed to substantially fully cure the tape; and
said same defined amount of UV energy causes the given material to begin to emit light of a given type, whereby said given material provides a visible indication that the tape is substantially fully cured.

35. (New) A UV energy curable tape according to Claim 34, wherein:

said given material is a UV sensitive ink and comprises about 0.001% by weight of the tape; and

said given material starts to emit light of the given type when the tape absorbs about 10 joules/cm² of UV energy.